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FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

30 JUN 1993

IN REPLY REFER TO:  
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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Honorable Patricia Schroeder  
Member, U.S. House of  
Representatives  
1600 Emerson Street  
Denver, Colorado 80218

Dear Congresswoman Schroeder:

This is in response to your letter of June 3, 1993, in which you inquired on  
behalf of your constituent Mr. James P. Barr regarding the Notice of

PATRICIA SCHROEDER  
1ST DISTRICT, DENVER, COLORADO

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2208 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-4431

DISTRICT OFFICE:  
1600 EMERSON STREET  
DENVER, CO 80218  
(303) 866-1230

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

PRB  
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CHILDREN, YOUTH, AND  
FAMILIES  
CONGRESSIONAL CAUCUS FOR  
WOMEN'S ISSUES, CO-CHAIR

Refer reply to:  
Barr/jbd

2486

June 3, 1993.

Mr. James Quello  
Acting Chairman  
Federal Communications Commission  
1919 M Street, Room 802  
Washington, DC 20554

RE: Mr. James R. Barr

Dear Mr. Quello:

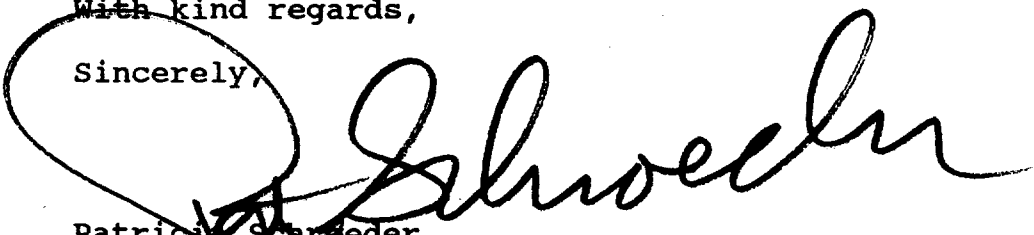
I am writing you on behalf of the above-named constituent who has written my office. I have enclosed the letter for your convenience.

I would appreciate your investigation of this matter.

Please respond to my Denver District Office, RETURNING THE ENCLOSED CORRESPONDENCE.

With kind regards,

Sincerely,

  
Patricia Schroeder  
Member of Congress

PS:jbd

Encl.

James R. Barr & Associates  
Parker Plaza II, Suite III  
1602 South Parker Road  
Denver, CO 80231-2920

James R. Barr, CLU, ChFC  
(303) 337-4743

May 3, 1993

MAY - 5 1993

Honorable Patricia Schroeder  
Member of Congress  
1600 Emerson Street  
Denver, CO 80218



Dear Representative Schroeder,

You recently received an appeal from me to review the FCC proposal relative to increasing the utilization in the Radio Control frequency band (72-75 mgh). Thank you for your prompt response and attention to this situation.

Although the hobby-sport of Radio Controlled Models may mean many things to individuals not familiar with our activities, the purpose of this letter is to outline for you what R/C Modeling is in 1993.

My sailplanes have a 12 foot wingspan and involve an investment of \$700 to \$800, not including the 6-8 months of careful hand work to create them. We fly 10 months per year in competitive thermal events, during which time, altitude gains of 1500' to 2000' are common. Usually 25-30 competitors attend these meets. The FCC summary included a question and answer section where it was stated "as secondary users we must understand that we may experience interference from time to time". Interference means Loss of Control, loss of control will mean an uncontrolled descent (crash). The 12' wingspan sailplane becomes an uncontrolled missile posing extreme danger to myself as operator, helpers at the field, or spectators.

Modeling also includes faithful copies of WWII multi-engined bombers with 12' - 15' wingspans, re-enacting WWII bombing sorties complete with pyrotechnics. Again danger to all concerned, especially to the thousands of spectators (Byrons Originals, Ida Grove, Iowa).

Race cars depicting NASCAR stock cars in  $\frac{1}{4}$  actual scale are capable of 40-50 mph speeds in simulated events on specially constructed courses including specators (Las Vegas, NV).

Exact  $\frac{1}{4}$  scale helicopters perform at full size airshows attended by very large crowds (Front Range Airport, Denver, CO and the new Denver International Airport Grand Opening).

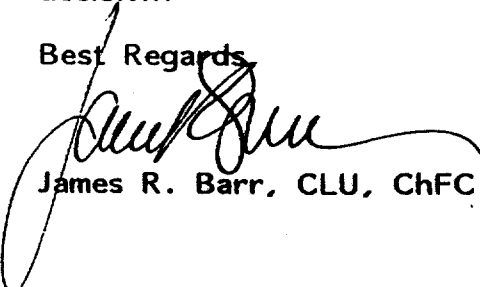
$\frac{1}{4}$  scale pylon racing aircraft duplicate the full size Reno International Air Races as they compete in actual pylon racing (pilots, helpers & scorekeepers wear safety equipment).

Representative Schroeder, these activities take place all over the United States every weekend, providing the participants with much enjoyment, as it is a very fascinating avocation, and perfectly safe as well. BUT NOW the FCC is telling you and I in the future - "we must accept some interference from time to time?" Some loss of control from time to time? Some occasional devastating crashes? Some injuries? Can you imagine a serious injury from a 12' scale model mustang fighter turned suddenly into an un-guided missile with an 18 inch propeller on full blast because of interference?

I sincerely hope you agree with me that we must encourage the FCC to go back to the drawing board and make another attempt at allocating frequencies.

Thanking you in advance for your good help in this most important decision.

Best Regards,



James R. Barr, CLU, ChFC

Subject: Radio Control in the 72-76 MHz band

Question: What is the 72-76 MHz band used for?

Answer: The frequency range between 72-76 MHz is primarily a guard band between TV channels 4 and 5. Specifically, the channels between 72 and 76 MHz are licensed for use by 1) private and common carrier fixed station use at up to 300 watts output power (private and common carrier fixed use occurs on the same channels) and 2) private land mobile use at up to 1 watt output power. The channels between 72 and 76 MHz are also available for unlicensed secondary use by remote control operators of model aircraft, boats and cars at .75 watts output power.

Question: What is the relationship between fixed and mobile land mobile operations and radio control operations?

X Answer: Radio control channels are located between fixed and mobile channels. The radio control channels overlap with the fixed and mobile channels. Radio control operations are unlicensed and are secondary to fixed and mobile operations. This means that radio control operations must accept interference from fixed and